-	Type	Hits	Search Text	DBs	Time Stamp
П	BRS	4501	pitney adj bowes.as.	USPAT; DERWENT; IBM_TDB	2003/01/30 14:21
0	BRS	2	(pitney adj bowes.as.) and (payment adj indic\$5)	USPAT; DERWENT; IBM_TDB	2003/01/21 19:35
m	IS&R	9	(("4660221") or ("4949381") or ("5168804")).PN.	USPAT; DERWENT; IBM_TDB	2003/01/21 19:40
4,	BRS	13	(pitney adj bowes.as.) and ((bit adj map) adj imag\$4)	USPAT; DERWENT; IBM_TDB	2003/01/21 19:42
Ŋ	BRS	14	5480239.URPN.	USPAT	2003/01/21 19:53
ω	BRS	9	(pitney adj bowes.as.) and (print adj resolution)	USPAT; DERWENT; IBM_TDB	2003/01/21 20:07
7	BRS	2112	((bit adj map\$3) adj imag\$4)	USPAT; DERWENT; IBM_TDB	2003/01/21 20:09
ω	BRS	1520	(((bit adj map\$3) adj imag\$4)) and indic\$5	USPAT; DERWENT; IBM_TDB	2003/01/21 20:10
6	BRS	0	<pre>(((bit adj map\$3) adj imag\$4)) and ((payment or pay\$5)adj indic\$5)</pre>	USPAT; DERWENT; IBM_TDB	2003/01/21 20:11
10	BRS	162	(((bit adj map\$3) adj imag\$4)) and (payment or pay\$5)	USPAT; DERWENT; IBM_TDB	2003/01/21 20:13
11	BRS	3	((base adj image) adj modulat\$5)	USPAT; DERWENT; IBM_TDB	2003/01/21 20:13
12	IS&R	2	("6311214").PN.	USPAT; DERWENT; IBM TDB	2003/01/21 21:20

	Туре	Hits		Search Text	ţţ.	DBs	Time Stamp	Qu
13	BRS	47	("4947028" "5288976" "5495581" "5613004" "571606" "5774666" "5774666" "587316" "5872589" "5872589" "5872589" "5872589" "5973773" "5903729" "5903729" "5903729" "5903729" "5903729"	"5053956" 5385371" 5496071" 5640193" 5721788" 572102" 578102" 57818441" 5818441" 5818441" 5818441" 5818411" 5892900" 5918214" 5918214" 5918214" 15986651" 6081827"	"5262860" "5463209" "5630852" "5659164" "5774664" "5804803" "5822432" "5923210" "5913210" "5913210" "6012102" "6098106"	USPAT	2003/01/21	21:22
14	BRS	0	2306915.URPN	.N.		USPAT	2003/01/22	13:42
15	BRS	1510	(watermark\$4 WITH (hidden	or token or embed\$	or signature) 4)	USPAT; DERWENT; IBM_TDB	2003/01/22	14:00
16	BRS	36	((indici\$5 WITH (pay o	adj (generat\$5 or payment or a	or creat\$4)) mount))	USPAT; DERWENT; IBM_TDB	2003/01/22	14:37
17	BRS	0	(((watermark\$4 WITH (hidden o (((indici\$5 ad creat\$4)) WIT amount)))) an	ck\$4 or token or si en or embed\$4)) and adj (generat\$5 or WITH (pay or payme and (postal or ma	or signature))) and (t\$5 or 'payment or or mail)	USPAT; DERWENT; IBM_TDB	2003/01/22	14:00
18	BRS	0	(((watermark\$4 WITH (hidden or (((indici\$5 adj creat\$4)) WITH	k\$4 or token or in or embed\$4)) adj (generat\$5 WITH (pay or pa	or signature))) and t\$5 or payment or	USPAT; DERWENT; IBM_TDB	2003/01/22	14:00
19	BRS	625	(half-tone	or half tone)	le) adj encod\$4)	USPAT; DERWENT; IBM_TDB	2003/01/22	14:39
20	BRS	108	(((half-tone encod\$4)) an	or half d (post\$4	tone) adj or mail)	USPAT; DERWENT	2003/01/22	15:08

	Туре	Hits	Search Text	DBs	Time Stamp
21	BRS	П	(((half-tone or half tone) adj encod\$4)) and (postal adj meter\$4)	USPAT; DERWENT	2003/01/22 15:11
22	BRS	327	705/408	USPAT; DERWENT	2003/01/30 16:41
23	BRS	97	705/62	USPAT; DERWENT	2003/01/22 15:12
24	BRS	6217	token and (half-tone or half tone)	USPAT; DERWENT; IBM_TDB	2003/01/24 18:00
25	BRS	58	token and half-tone	USPAT; DERWENT; IBM_TDB	2003/01/24 18:00
26	BRS	69	token and (half adj tone)	USPAT; DERWENT; IBM_TDB	2003/01/24 18:01
27	BRS	67	(token and (half adj tone)) and image		2003/01/24 18:01
28	BRS	0	((token and (half adj tone)) and image) and imbed\$5	USPAT; DERWENT; IBM_TDB	2003/01/24 18:05
29	BRS	39	((token and (half adj tone)) and image) and embed\$5	USPAT; DERWENT; IBM_TDB	2003/01/24 18:06
30	BRS	48	((token and (half adj tone)) and image) and encod\$4	USPAT; DERWENT; IBM_TDB	2003/01/24 18:28
31	IS&R	2	("4949381").PN.	USPAT; DERWENT; IBM_TDB	2003/01/24 18:40
32	BRS	2	(potal or mail) adj token	USPAT; DERWENT; IBM_TDB	2003/01/24 18:42
33	BRS	7	(((postage adj indici\$3) WITH token) and content)	USPAT; DERWENT; IBM_TDB	2003/01/24 18:45
34	BRS	8	6151590.URPN.	USPAT	2003/01/24 18:56
35	BRS	2	half-tone adj encod\$5	USPAT; DERWENT; IBM_TDB	2003/01/24 19:07
36	BRS	5	(half adj tone) adj encod\$5	USPAT; DERWENT; IBM_TDB	2003/01/24 19:09
37	BRS	2888		USPAT; DERWENT; IBM_TDB	2003/01/24 19:15
38	BRS	41	((token and (half adj tone)) and image) and (bit adj map)	USPAT; DERWENT; IBM_TDB	2003/01/24 19:11

	Type	Hits		Search Text	:	DBs	Time Sta	Stamp
39	BRS	40	(((token and (hal image) and (bit a and (half adj tor (mail or post\$5))	(half a it adj tone)	e)) and imag	USPAT; DERWENT; IBM_TDB	2003/01/24	19:14
40	BRS	47	((token and image) and (r	(half adj tone) (mail or post\$5)) and	USPAT; DERWENT; IBM_TDB	2003/01/24	19:14
41	BRS	1	((token and image) and po	(half adj ton ostage) and	USPAT; DERWENT; IBM_TDB	2003/01/24	19:15
42	BRS	0	an ind	adj dj) and .um)	USPAT; DERWENT; IBM_TDB	2003/01/24	19:16
43	BRS	1	n and and	(half adj tone) indicium) and	USPAT; DERWENT; IBM_TDB	2003/01/24	19:16
44	BRS	63	((token and image) and	(half adj tone) indic\$4	e)) and	USPAT; DERWENT; IBM_TDB	2003/01/24	20:25
45	BRS	0	6311214.URPN	•		USPAT	2003/01/24	19:51
46	BRS	47	("4947028" "5288976" "5495581" "5613004" "5673316" "5774666" "5774666" "5809317" "5809317" "5809317" "5809317" "5809317" "5809317"	"5053956" "5385371" "5640193" "5721788" "5721788" "5721686" "572178102" "5848413" "5892900" "5905248" "5908248" "5938726" "5938726" "6081827"	5262860" 5463209" 5530852" 5659164" 5774664" 5804803" 5822432" 5900608" 5913210" 5913210" 6012102"	USPAT	2003/01/24	19:51
47	BRS	16	6081827.URPN.			USPAT	2003/01/24	19:53

	Type	Hits		Search Text	xt	DBs	Time Stamp
8 8	BRS	9 9	("3891829" "4547074" "4547074" "4965449" "5047614" "5337358" "5413486" "545983" "545983" "5640193" "5640193" "5640193" "5848413" "5848413" "5862429" "5862429" "5862429" "5862429" "5862429"	#3894756" #4345011" #4857495" #4990092" 5059126" 5139095" 5139095" 51461711" 5147171" 5147171	"4131367" 4414635" 4917500" 4998010" 5202828" 5303388" 5452414" 5537336" 5537336" 553736" 553736" 553736" 553736" 553736" 553736" 553736" 553736" 553736" 553736" 553736" 553736" 15684885" 15886337" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083" 16012083"		2003/01/24 20:16
49	IS&R	2	("5390251")	.PN.		USPAT; DERWENT; IBM_TDB	2003/01/24 20:32
50	BRS	409	digital adj	watermark		Щ	2003/01/24 20:32
51	BRS	93	(digital adj	lj watermark)	and extraction	USPAT; DERWENT; IBM_TDB	2003/01/24 20:33
52	BRS	30	((digital a extraction)	adj watermark) 1) and (postage	t) and ge or mail)	USPAT; DERWENT; IBM_TDB	2003/01/24 20:33
53	BRS	0	6311214.URPN	. Nc		USPAT	2003/01/24 20:48

	Туре	Hits		Search Text	×t	DBs	Time Stamp
5.44	BRS	47	("4947028" "5288976" "5495581" "5613004" "5673316" "5774666" "5774666" "5872589" "5872589" "5903729" "5933829" "5933829" "6052486"	"5053956" "5496071" "540193" "5721788" "5721788" "5721788" "5721788" "5721788" "592900" "592900" "5938726" "5938726" "5938726" "6081827" "6148331").	"5262860" "5463209" "5530852" "5742845" "5774664" "5804803" "582432" "5913210" "5913210" "5940595" "6012102" "6098106"	USPAT	2003/01/24 20:48
55	BRS	39	5915027.URPN	. No		USPAT	2003/01/24 20:54
56	BRS	9	6064764.URPN	· Nc		USPAT	2003/01/24 21:04
57	BRS	8	6101602.URPN			USPAT	2003/01/24 21:06
58	BRS	8	("5365589" "5687236" "5889868"	"5613004" "5825892" "5915027").	"5680462" "5859920" PN.	USPAT	2003/01/24 21:08
59	BRS	8	φ.			USPAT	2003/01/24 21:12
09	BRS	11	("4939515" "5613004" "5875249" "5933534"	"5319735" "5617119" "5915027" "5991426").	"5530759" "5825892" "5930369" PN.	USPAT	2003/01/24 21:13
61	IS&R	1	("6473516")	. PN.		USPAT; DERWENT; IBM_TDB	2003/01/28 20:14
62	BRS	0	6473516.URPN	. No		USPAT	2003/01/28 20:10
63	BRS	7	("5530759" "5814801" "6208745").	"5659726" "5987136" PN.	"5734752" "6111990"	USPAT	2003/01/28 20:10

	Type	Hits	Search Text	DBs	Time Stamp
64	IS&R	2	("4998010").PN.	USPAT; DERWENT; IBM_TDB	2003/01/29 11:33
65	BRS	57493	print\$ WITH indic\$5	USPAT; DERWENT; IBM_TDB	2003/01/29 11:45
99	BRS	3	((base adj image) adj modulat\$4)	USPAT; DERWENT; IBM_TDB	2003/01/29 11:45
67	BRS	0	(print\$ WITH indic\$5) and "600x600"	USPAT; DERWENT; IBM TDB	2003/01/29 11:51
68	BRS	8174	(print\$ WITH indic\$5) and ("dots per inch" or dpi or resolution)	USPAT; DERWENT; IBM_TDB	2003/01/29 11:53
69	BRS	2765	ITH i or mail	USPAT; DERWENT; IBM_TDB	2003/01/29 11:55
70	BRS	61	ITH dpi ail\$	USPAT; DERWENT; IBM_TDB	2003/01/29 12:28
71	IS&R	14	(("5091966") or ("5128525") or ("5168147") or ("5221833") or ("5245165") or ("5315098") or ("5449895")).PN.	USPAT; DERWENT; IBM_TDB	2003/01/29 16:20
72	BRS	0	493053.URPN.	USPAT	2003/01/29 12:33
73	BRS	78	5315098.URPN.	USPAT	2003/01/29 12:33
74	BRS	934	382/232.ccls.	USPAT; DERWENT; IBM_TDB	2003/01/29 16:21
75	BRS	471	382/100.ccls.	: (11):	2003/01/29 16:21
92	BRS	286	380/54.ccls.	USPAT; DERWENT; IBM_TDB	2003/01/29 17:25
77	BRS	96	380/210.ccls.		2003/01/29 16:21
78	BRS	111	380/252.ccls.	USPAT; DERWENT; IBM_TDB	2003/01/29 16:22
79	BRS	09	380/287.ccls.	USPAT; DERWENT; IBM_TDB	2003/01/29 16:22

	Туре	Hits	Search Text	DBs	Time Stamp
80	BRS	375	713/176.ccls.	USPAT; DERWENT; IBM_TDB	2003/01/29 16:22
81	BRS	74	7	USPAT; DERWENT; IBM_TDB	2003/01/29 16:22
82	BRS	2205	82/232.ccls. 80/54.ccls. 80/252.ccls. 13/176.ccls.	USPAT; DERWENT; IBM_TDB	2003/01/29 16:23
83	BRS	16		USPAT; DERWENT; IBM_TDB	2003/01/29 17:19
84	BRS	840858	<pre>((select or pick or choose) WITH3 ((bit or key or signature) adj lenght))</pre>	USPAT; DERWENT; IBM_TDB	2003/01/29 17:25
85	BRS	889	<pre>(((select or pick or choose) WITH3 ((bit or key or signature) adj lenght))) and (security adj level)</pre>	USPAT; DERWENT; IBM_TDB	2003/01/29 17:26
86	BRS	43	((select or pick or choose) WITH3 ((bit or key or signature) adj lenght))) and (encryption adj level)	USPAT; DERWENT; IBM_TDB	2003/01/29 17:27
87	BRS	20		USPAT; DERWENT; IBM_TDB	2003/01/29 17:27
88	BRS	0	((((select or pick or choose) WITH3 ((bit or key or signature) adj lenght)) and (encryption adj level)) and ((((select or pick or choose) WITH3 ((bit or key or signature) adj lenght))) and (security adj level)) and (postage adj meter))	USPAT; DERWENT; IBM_TDB	2003/01/29 17:28

	Type	Hits	Search Text	DBs	Time Stamp
6 8	BRS	21	((((select or pick or choose) WITH3 ((bit or key or signature) adj lenght)) and (encryption adj level)) and (((select or pick or choose) WITH3 ((bit or key or signature) adj lenght))) and (security adj level))	USPAT; DERWENT; IBM_TDB	2003/01/29 18:01
06	BRS	20	((((select or pick or choose) WITH3 ((bit or key or signature) adj lenght))) and (security adj level)) and (postage adj meter)) and (((select or pick or choose) WITH3 ((bit or key or signature) adj lenght))) and (security adj level))	USPAT; DERWENT; IBM_TDB	2003/01/29 18:37
91	BRS	582258	(vari44 with2 (encod\$3 with3 key))	USPAT; DERWENT; IBM_TDB	2003/01/29 18:38
92	BRS	582258	(vari4 with2 (encod\$3 with3 key))	USPAT; DERWENT; IBM_TDB	2003/01/29 18:38
83	BRS	5	bit adj lenght	USPAT; DERWENT; IBM_TDB	2003/01/29 18:39
94	BRS	9982	vari\$4 adj value	USPAT; DERWENT; IBM_TDB	2003/01/29 18:41
95	BRS	2868		USPAT; DERWENT; IBM_TDB	2003/01/29 18:41
96	BRS	2532	th2 adj er oı		2003/01/29 18:43
26	BRS	684	(((vari4 with2 (encod\$3 with3 key))) and (vari\$4 adj value)) and (post\$4 or mail)	Or USPAT; DERWENT;	2003/01/29 18:43
86	BRS	1	((((vari4 with2 (encod\$3 with3 key))) and (vari\$4 adj value)) and (post\$4 or mail or meter or indic\$4)) and (bit adj lenght)) or USPAT; DERWENT; IBM_TDB	2003/01/29 18:44
99	BRS	13	5710636.URPN.	USPAT	2003/01/29 19:16

	Type	Нісв	Search Text	DBs	Time Stamp
100	BRS	328	705/408	USPAT; DERWENT; IBM_TDB	2003/01/30 14:21
101	BRS	61	705/408 and token	USPAT; DERWENT; IBM_TDB	2003/01/30 14:28
102	IS&R	6	(("4757537") or ("4831555") or ("4775246") or ("4873645") or ("4725718")).PN.	USPAT; DERWENT; IBM_TDB	2003/01/30 14:33
103	BRS	24	5586036.URPN.	USPAT	2003/01/30 14:42
104	BRS	3	705/408 and (image near3 modula\$4)	USPAT; DERWENT	2003/01/30 16:44
105	BRS	3	705/408 and (image near5 modula\$4)	USPAT; DERWENT	2003/01/30 16:45
106	BRS	0	705/408 and (half-tone)	USPAT; DERWENT	2003/01/30 16:45
107	BRS	0	705/408 and (half adj tone)	USPAT; DERWENT	2003/01/30 16:46
108	BRS	0	705/62 and (half adj tone)	USPAT; DERWENT	2003/01/30 16:46
109	BRS	0	705/62 and (half-tone)	USPAT; DERWENT	2003/01/30 18:50
110	BRS	2746	Watermark	USPAT; DERWENT	2003/01/30 18:52
111	BRS	147	Watermark and ((high WITH density) or (low with density)or (reproduceable))	USPAT; DERWENT	2003/01/30 18:54
112	BRS	50	<pre>(Watermark and ((high WITH density) or (low with density)or (reproduceable))) and copy</pre>	USPAT; DERWENT	2003/01/30 19:01
113	BRS	22	Watermark and (copy adj prevention)	USPAT; DERWENT	2003/01/30 19:04
114	BRS	726	Watermark and print	USPAT; DERWENT	2003/01/30 19:05
115	BRS	444	(Watermark and print) and (copy\$3 or (high adj density) or (low adj density) or reproduction)	USPAT; DERWENT	2003/01/30 19:07

	Type	Hits	Search Text	ДВВ	Time Stamp
116	BRS	10	and print) ensity) or (reproduction)	USPAT; DERWENT	2003/01/30 19:15
117	BRS	1	((Watermark and print) and (copy\$3 or (high adj density) or (low adj density) or reproduction)) and (max\$5 adj resolution)	USPAT; DERWENT	2003/01/30 19:16
118	BRS	1	((Watermark and print) and (copy\$3 or (high adj density) or (low adj density) or reproduction)) and (max\$4 adj resolution)	USPAT; DERWENT	2003/01/30 19:53
119	BRS	0	"maximum resolution 600x600"	USPAT; DERWENT	2003/01/30 19:53
120	BRS	1	"resolution 600x600"	USPAT; DERWENT	2003/01/30 19:54
121	BRS	0	"resolution of 100 dpi"	USPAT; DERWENT	2003/01/30 19:55
122	BRS	0	"resolution of 125"	USPAT; DERWENT	2003/01/30 19:55
123	BRS	0	"resolution of 100"	USPAT; DERWENT	2003/01/30 19:56
124	BRS	0	un-exractable	USPAT; DERWENT	2003/01/30 19:56
125	BRS	0	unexractable	USPAT; DERWENT	2003/01/30 19:56
126	BRS	0	non-exractable	USPAT; DERWENT	2003/01/30 19:56
127	BRS	0	none-exractable	USPAT; DERWENT	2003/01/30 19:56
128	BRS	0	nonexractable	USPAT; DERWENT	2003/01/30 19:56
129	BRS	0	"unable to exract"	USPAT; DERWENT	2003/01/30 19:57
130	BRS	0	unable ADJ exract	USPAT; DERWENT	2003/01/30 20:39

	Type	Hits	Search Text	DBs	Time Stamp
131	BRS	14	5735547.URPN.	USPAT	2003/01/30 20:10
132	BRS	24	("2065605" "2952080" "3109239" "3675948" "3713861" "3862501" "4066280" "4168088" "4210346" "4277514" "4303307" "44310180" "4325981" "4506914" "4522429" "5018767" "5171040" "5193853" "5197765" "5271645" "5297815").PN.	USPAT	2003/01/30 20:13
133	IS&R	9	(("5893084") or ("5754658") or ("5600726")).PN.	USPAT; DERWENT; IBM_TDB	2003/01/30 21:09
134	BRS	4	5600726.URPN.	USPAT	2003/01/30 20:47
135	BRS	9	((vari\$4 adj length) adj encrypt\$4)	USPAT; DERWENT; IBM_TDB	2003/01/30 21:16
136	BRS	252	((bit adj length) WITH key)	USPAT; DERWENT; IBM TDB	2003/01/30 21:15
137	BRS	159	(((bit adj length) WITH key)) and encrypt\$4	USPAT; DERWENT; IBM_TDB	2003/01/30 21:15
138	138 BRS	06	((vari\$4 adj length) adj key)	USPAT; DERWENT; IBM_TDB	2003/01/30 21:18

	n	1	2	3	4	2	ŭ	Document ID △	Issue Date	Pages	Title
1		⊠					DE (3485609 G	19850123	24	Printing and reading system for encrypted messages - is esp. for postage meter and includes matrix printer with displaceable dots according to code
2		×					GB 2	2306915 A	19970514	10	Postage metering system - has device for merging first portion and bit mapped image of second portion for printing postage indicia and thus postage value and town circle
8		⊠	⊠	⊠	⊠	⊠	US ? A	20010047476	20011129	11	Bar coding method for price tag, involves modulating base image with graphically encoded signed message to generate marked image
4		⊠	☒				us,	4422148 A	19831220	55	osta 1 co
72		Ø	×				us,	4516209 A	19850507	10	
9		☒					us 4	4529228 A	19850716	29	ронн
7		☒					us 4	4998010 A	19910305	35	Polygonal information encoding article, process and system
8		\boxtimes					ns i	5303370 A	19940412	14	Anti-counterfeiting process using lenticular optics and color masking

- G	Inventor	Ø	บ	Image Doc. Displayed	Current OR	Current XRef
	CLARK, J I et al.	⊠		US 4641346	ī	
2 D	DANDREA, T A et al.	⊠		US 5729461		
Э	MAGUIRE, G Q et al.	⊠		US 20010047476		
4 S B	Soderberg, John H. et al.	×		US 4422148	705/410	705/30; 705/44; 708/104
S	Scribner, Albert W.	☒		US 4516209	705/406	177/25.15; 177/4; 209/900; 705/407
9 X	Kramer, Henry P.	⊠		US 4529228	283/117	101/399; D18/26
7 G	Chandler, Donald G. et al.	⊠		US 4998010	235/494	
8 B	Brosh, Scott et al.	⊠		US 5303370	380/51	380/54; 713/176; 713/185

Þ	7	7	т	4,	₂	Å	Document	o di	Issue Date	Pages	Title
	⊠					us s	5315098	4	19940524	7	Methods and means for embedding machine readable digital data in halftone images
	×	☒	⊠	☒		US E	5480239	A	19960102	9	Postage meter system having bit-mapped indicia image security
	⊠				_ 	us 5	5495581	A	19960227	74	Method and apparatus for linking a document with associated reference information using pattern matching
	⊠	⊠	Ø			us E	5586036	A	19961217	14	Postage payment system with security for sensitive mailer data and enhanced carrier data functionality
	⊠	⊠				us s	5600726	Æ	19970204	40	Method for creating specific purpose rule-based n-bit virtual machines
	⊠	⊠				us e	5611630	Æ	19970318	10	Method and apparatus for securely printing a postal indicia image having a different dot density in two dimensions thereof
	⊠					US 5	5613004	Æ	19970318	17	Steganographic method and device
	☒	☒				US 5	5635694 A	Æ	19970603	10	System and method for embedding machine coded destination information into a postal mark
	☒	Ø	☒			US 5	5706099	Ą	19980106	7	Method and apparatus for generating serpentine halftone images

Inventor	ß	C	Image Doc. Displayed	Current OR	Current XRef
Tow, Robert F.	×		US 5315098	235/494	235/469; 235/470
Kim, Hyung-Kun P. et al.	⊠		US 5480239	400/120.09	400/124.02; 400/76
Tsai, Irving	⊠		US 5495581	715/526	345/808; 345/853; 345/854; 358/400; 379/100.01
Pintsov, Leon A.	☒		US 5586036	705/408	380/51; 380/55
Morgan, Joseph M. et al.	⊠		US 5600726	713/164	380/28; 713/189
Dolan, Donald T. et al.	⊠		US 5611630	400/120.09	347/188; 347/40; 400/120.1
Cooperman, Marc et al.	☒		US 5613004	380/28	713/176
Tuhro, Richard H.	⊠		US 5635694	235/375	235/494
Curry, Douglas N.	×		US 5706099	358/3.28	235/494; 283/113; 358/3.09; 358/3.2

σ

		34 11 24 E	Digital anti-counterfeiting software method and apparatus
□ □ US 5710636 A □ □ US 5710814 A □ □ US 5721788 A □ □ US 5731574 A □ □ US 5735547 A □ □ US 5735547 A □ □ US 5735547 A			
			Method and apparatus for generating halftone images having human readable patterns formed therein
⊠ □ US 5721788 A □ □ US 5731574 A □ □ US 5735547 A □ □ US 5735547 A □ □ US 5769550 A		***************************************	Cryptographic unit touch point logic
□ □ US 5731574 A □ □ US 5735547 A □ □ US 5735547 A □ □ US 5769550 A	80224 9		Method and system for digital image signatures
□ □ US 5735547 A □ □ US 5735547 A	80324 5		Digital postage indicia verification for inserting system
		12	Anti-photographic/photocopy imaging process and product made by same
	80623		l app rint wlti an e
		22	Mechanism for retrieving information using data encoded on an object

Inventor	ß	บ	Image Doc. Displayed	Current OR	Current XRef
Alasia, Alfred	⊠		US 5708717	380/51	· · · · · · · · · · · · · · · ·
Curry, Douglas N.	⊠		US 5710636	358/3.28	
Klemba, Keith et al.	×		US 5710814	713/173	380/28; 713/157; 713/159; 713/172; 713/194
Powell, Robert D. et al.	☒		US 5721788	382/100	380/200; 380/54; 713/176
Bodie, Kevin W. et al.	⊠		US 5731574	235/375	235/494
Morelle, Fredric T. et al.	⊠		US 5735547	283/67	283/72; 283/902; 283/93
Brand, Patrick et al.	☒		US 5769550	400/279	347/41; 347/5; 347/9; 400/103
Cragun, Brian John et al.	×		US 5804803	235/375	235/462.01; 707/1; 715/513

	Þ	П	7	3	4	2	À	Document	ıD ∆	Issue Date	Pages	Title
26		⊠	⊠	⊠			ns	5805711	Æ	19980908	0 0	Method of improving the security of postage meter machines
27		⊠					US	5814801	A	19980929	14	Maxicode data extraction using spatial domain features exclusive of fourier type domain transfer processing
28		Ø	×				US	5818032	A	19981006	19	Encoded color halftone micro-dots for high density digital information storage
29		☒					US	5822432	Æ	19981013	10	Method for human-assisted random key generation and application for digital watermark system
30					⊠	⊠	an	5825892	ď	19981020	30	Protecting images with an image watermark
31		Ø					us	5857038	Ą	19990105	53	Image processing apparatus and method for synthesizing first and second image data
32		⊠					an	5859920	ď	19990112	21	Method for embedding digital information in an image

	Inventor	ß	บ	Image Doc. Displayed	Current OR	Current XRef
56	Windel, Harald et al.	×		US 5805711	380/55	380/2; 380/51; 705/401; 705/405; 705/408; 705/410; 705/60;
27	Wang, Ynjiun P. et al.	⊠		US 5814801	235/454	235/462.01; 235/494
28	Sun, Tsu-Hung Tom et al.	⊠		US 5818032	235/494	235/469; 283/114; 283/93
29	Moskowitz, Scott A. et al.	⊠		US 5822432	380/28	380/46; 380/54
30	Braudaway, Gordon Wesley et al.	⊠		US 5825892	380/51	380/54; 382/100; 382/251; 399/366; 713/176
31	Owada, Mitsuru et al.	⊠		US 5857038	382/284	358/450; 358/540
32	Daly, Scott J. et al.	⊠		US 5859920	382/115	380/54; 382/100; 382/203; 382/279; 382/284

	Ū	1	7	m	4	Ŋ	Doc	ocument ID	△ Issue Date	Pages	Title
33		×	⊠				US 5	5875249 A	19990223	24	Invisible image watermark for image verification
4		Ø						5897255 A	19990427	6	Speed fonts for matrix printers
35		☒	☒	⊠			US 5	915027 A	19990622	17	Digital watermarking
9		×	×	☒				5953426 A	19990914	47	α.⊣ ≻-
37		×	×				us s	5982896 A	19991109	10	System and method of verifying cryptographic postage evidencing using a fixed key set
80		⊠					US 5	5986651 A	19991116	25	Method, system, and article of manufacture for producing a network navigation device
o.		×		\boxtimes			US 5	987441 A	19991116	13	Token generation process in an open metering system
40		×					US 5	987459 A	19991116	27	Image and document management system for content-based retrieval
41		⊠					us 6	6026385 A	20000215	23	Encrypted postage indicia printing for mailer inserting systems
42		⊠					9 SN	6031914 A	20000229	12	Method and apparatus for embedding data, including watermarks, in human perceptible images

	Inventor	ស	ບ	Image Doc. Displayed	oc.	Current OR	Current XRef
33	Mintzer, Frederick Cole et al.	⋈		US 587524		380/54	283/113; 283/17; 283/73; 380/203; 380/55; 713/176
34	Ackley, H. Sprague	☒		US 589725	35	400/120.09	400/120.11
35	Cox, Ingemar J. et al.	Ø		US 591502	7.	380/54	
36	O I	×		US 595342	9.	380/51	000778
37	Cordery, Robert A. et al.	×		US 598289	96	705/62	283/17; 283/72; 283/73; 380/30; 380/45; 713/179
38	Reber, William L. et al.	×		US 5986651		345/738	
39	Lee, David K. et al.	×		US 5987441	Π.	705/401	101/71; 705/408; 705/410
40	Swanson, Mitchell D. et al.	⊠		US 598745	D	707/6	707/3; 707/9
41	Harvey, George B. et al.	☒		US 602638	35	705/408	705/401; 705/410
42	Tewfik, Ahmed H. et al.	⊠		US 6031914		380/54	341/4; 341/8; 382/283

01/30/2003, EAST Version: 1.03.0002

	D	7	2	е	4	2	Ω	Document	Δ QI	Issue Date	Pages	Title
43		⊠					US	6052486	A	20000418	77	Protection mechanism for visual link objects
44		⊠	×				US	6064764	Æ	20000516	13	Fragile watermarks for detecting tampering in images
45		Ø					US	6081827	Ą	20000627	14	Network navigation methods and systems using an article of mail
46		⊠	×				US	6101602 A	Ą	20000808	10	Digital watermarking by adding random, smooth patterns
47		⊠					SN	6108656	4	20000822	18	Automatic access of electronic information through machine-readable codes on printed documents
48		Ø					US	6122403	æ	20000919	110	Computer system linked by using information in data objects
49		⊠					ns	6141441	Ą	20001031	44	Decoding data from patterned color modulated image regions in a color image
50		⊠	⊠	⊠	☒		ns	6151590	Ø	20001121	16	Network open metering system
51		⋈	⊠				US	6173273	B1	20010109	2	Secure communication system with encrypted postal indicia
52		⊠	⊠				us	6175639	B1	20010116	2 8	Digital data encode system

Inventor	Ø	บ	Image Doc. Displayed	Current OR	Current
Knowlton, Kenneth Charles et al.	⊠		US 6052486	382/232	
Bhaskaran, Vasudev et al.	⊠		US 6064764	382/183	382/100
Reber, William L. et al.	⊠		US 6081827	709/200	709/206; 709/217
Fridrich, Jiri	⊠		US 6101602	713/176	
Durst, Robert T. et al.	⊠		US 6108656 7	01/10	707/3; 707/9
Rhoads, Geoffrey B.	⊠		US 6122403	382/233	
Cass, Todd A. et al.	⊠		US 6141441	382/166	235/494; 382/232
Cordery, Robert A et al.	×		US 6151590	705/60	380/51; 705/410; 705/62
Herbert, Raymond John	⊠		US 6173273	705/62	705/408
Satoh, Shinobu et al.	☒		US 6175639	382/100	380/40; 380/41; 380/51; 380/54; 382/232

XRef

н	7	m	4	Ŋ	ă	ocument	o di	Issue Date	Pages	Title
					us (6175827	B1	20010116	19	Robus digital token generation and verification system accommodating token verification where addressee information cannot be recreated automated mail processing
⊠	☒	☒			us (6192138	B1	20010220	23	Apparatus and method for embedding/unembedding supplemental information
⊠					ns (6233565	B1	20010515	3.4	Methods and apparatus for internet based financial transactions with evidence of payment
⊠	\boxtimes	☒	☒		us (6240196	B1	20010529	10	in the
×	\boxtimes	☒			us (6243470	B1	20010605	29	ס ל שׁי
⊠					ns (6256638	B1	20010703	20	
×					ns (6263086	B1	20010717	20	ic call called
⊠) SN	6275301	B1	20010814	45	Relabeling of tokenized symbols in fontless structured document image representations

	Inventor	ß	ບ	Image Doc. Displayed	Current OR	Current XRef
53	Cordery, Robert A. et al.	×		US 6175827	705/410	705/401; 705/408; 705/60
54	Yamadaji, Shinji	⊠		US 6192138	382/100	283/113; 380/200; 380/54; 382/235
55	Lewis, Richard et al.	×		US 6233565	705/35	00047U
56	Fischer, Meredith B. et al.	⊠		US 6240196	382/100	382/101; 382/112; 399/16
57	Coppersmith, Don et al.	⊠		US 6243470	380/259	380/29; 380/37
58	Dougherty, Thomas J. et al.	⊠		US 6256638	707/104.1	235/375; 358/504
59	Wang, Shen-ge	⊠		US 6263086	382/100	380/54; 382/278
9	Bobrow, Daniel G. et al.	⊠		US 6275301	358/1.2	358/1.1

	Þ	н	7	m	4	2	ရိ	Document ID	△ Issue Date	Pages	Title
61		⊠	☒	⊠			9 SN	6295359 B1	20010925	æ	Method and apparatus for distributing keys to secure devices such as a postage meter
62		☒	×				9 SU	6308165 B1	20011023	æ	Method of and apparatus for generating and authenticating postal indicia
63		×	Ø				9 SN	6311214 B1	20011030	38	Linking of computers based on optical sensing of digital data
64		⋈					osn	6317505 B1	20011113	10	Image marking with error correction
65		×					ns 6	6339650 B1	20020115	16	Image information processing apparatus
66		Ø					us 6	6341274 B1	20020122	17	Method and apparatus for operating a secure metering device
67		⊠					ns 6	6351539 Bl	20020226	13	Cipher mixer with random number generator
68		⊠					ns 6	6367016 Bl	20020402	æ	Method for controlling access to electronically provided services and system for implementing such method
6 9		⊠					9 SN	6397328 B1	20020528	12	Method for verifying the expected postage security device and an authorized host system
7.0		⊠					ns 6	6397333 B1	20020528	5	Copy protection system and method

Inventor	ß	C	Image Doc. Displayed	Current OR	Current XRef
Cordery, Robert A. et al.	⊠		US 6295359	380/44	380/30; 713/176
Gilham, Dennis Thomas	⊠		US 6308165	705/62	
•	⊠		US 6311214	709/217	380/255; 709/313
Powell, Robert D. et al.	⋈		US 6317505	382/100	380/54
Yoshida, Eiichi et al.	⊠		US 6339650	382/100	358/401; 358/403; 399/42
Leon, J P	⊠		US 6341274	705/410	705/60
Djakovic, Vladan	⊠		US 6351539	380/268	380/44; 380/46
Lambert, Howard Shelton et al.	Ø		US 6367016	713/185	713/186
Pitchenik, David E. et al.	×		US 6397328	713/155	7 / 6 / 7 / 2 / 2 / 2 / 2 / 6 / 6 / 6 / 6 / 6 / 6
Sohne, Peter et al.	⊠		US 6397333	713/176	705/56; 705/57; 713/189

	Þ	н	7	т	4	5	ğ	ocument	DI ∆	Issue Date	Pages	Title
71		⊠					us 6	6408287	B1	20020618	3.2	Recording graphical information on the face of a mail piece and placing information about the graphical information in an information-based indicia
72		☒					ns (6411725	B1	20020625	23	Watermark enabled video objects
73		⊠					us (6424954	B1	20020723	06	Postage metering system
74		⊠	☒	☒			ns (6427021	B1	20020730	33	Recording graphical and tracking information on the face of a mailpiece
75		Ø	☒	⊠			ns (6430302	B2	20020806	09	Steganographically encoding a first image in accordance with a second image
92		\boxtimes					ns (6438530	B1	20020820	13	Software based stamp dispenser
77		⊠					us (6456393	B1	20020924	18	Information embedding in document copies
78		☒					us (6456724	B1	20020924	10	Electronic watermarking system capable of providing image data with high secrecy
79							WO 2	200150227	ď	20020821	3 5	Network-based indicia generating system for generating indicia representing postal payment for plural users and printing postal indicia for inclusion with a package

Inventor	ß	ပ	Image Doc. Displayed	Current OR	Current XRef
Sansone, Ronald P. et al.	×		US 6408287	705/410	235/380
Rhoads, Geoffrey B.	☒		US 6411725	382/100	
Leon, JP	☒		US 6424954	705/401	705/410; 705/60
Fischer, Meredith B. et al.	⊠		US 6427021	382/101	382/100; 705/408
Rhoads, Geoffrey B.	⊠		US 6430302	382/100	382/284
Heiden, Gary M. et al.	⊠		US 6438530	705/401	705/408; 705/410; 705/60
Bhattacharjya, Anoop K. et al.	⋈		US 6456393	358/1.9	358/448; 382/232
Watanabe, Junya	⊠		US 6456724	382/100	380/54
DUTTA, R et al.	⊠		WO 200150227 A2		